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Atty Docket No.: 325772022100 Client Docket No.: F10580/ZI

What is claimed is:

1. A method of manufacturing an optical head having a near-field light generating element that condenses a luminous flux on an exit surface, comprising:

fixing the near-field light generating element, having a film formed on the exit surface, to a holding member to form an optical head; and

forming an opening in the film by use of light emitted from at least one of a first light source and a second light source, the second light source disposed in a position conjugate with the first light source.

- 2. The method of claim 1, wherein the film is a reflecting film or a light intercepting film.
- 3. The method of claim 1, wherein the first light source and the second light source have the same focusing point.
- 4. The method of claim 1, wherein light emitted from the second light source has a shorter wavelength than light emitted from the first light source.
- 5. The method of claim 4, wherein the opening is formed by vaporizing the film using energy generated at the point of the condensed luminous flux.
- 6. The method of claim 1, wherein the generating element is a solid immersion mirror or a solid immersion lens.
 - 7. The method of claim 6, wherein the solid immersion mirror comprises:
 a first surface of the mirror; and
 a second surface of the mirror, a first portion of the film being provided on a

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central part of the first surface and a second portion of the film being provided on substantially an entire area of the second surface.

- 8. The method of claim 7, wherein the first surface is concave and the second surface is paraboloid of revolution.
- 5 9. The method of claim 7, wherein the first surface is planar and the second surface is a parabaloid of revolution.
 - 10. The method of claim 7, wherein the first surface is convex and the second surface is a paraboloid of revolution.
 - 11. The method of claim 6, wherein the solid immersion mirror comprises: a first surface which is plane surface;

a second surface which is a diverging surface having a first and second part into which a paraboloid is cut along an optical axis;

a third surface which is a condensing surface having a third and fourth part into which a paraboloid is cut along an optical axis; and

a fourth surface which is a plane surface and includes a focal point of the third surface.

- 12. The method of claim 11, further comprising:

 providing the film on substantially an entire surface of the second, third and fourth surfaces;
- emitting the light incident on the first surface; and reflecting the light on the second surface and the third surface, and imaging the

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light on a central part of the fourth surface.

13. The method of claim 6, wherein the solid immersion mirror comprises: a first surface which is a plane surface;

a second surface which is a condensing surface having two parts into which a paraboloid of revolution is cut along an optical axis; and

a third surface which is a plane surface including a focal point of the second surface.

14. The method of claim 13, further comprising:

providing the film substantially on an entire surface area of the second a third surfaces;

emitting the light incident on the first surface; and reflecting the light on the second surface, and imaging the light on a central part of the third surface.

- 15. The method of claim 7, further comprising:

 emitting the light incident on a first surface of the solid immersion mirror; and
 reflecting the light on a second surface of the solid immersion mirror at a central
 portion of the first surface to be imaged on a central portion of the second surface at the
 opening.
- 16. A method of forming an opening using a near-field light generating element, comprising:

forming a super-resolution film on an exit surface of the element and a reflective

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film on the super-resolution film; and

forming an opening in the reflective film by use of a beam emitted from at least one of a first light source and a second light source,

the second light source disposed in a position conjugate with the first light source.

- 17. The method of claim 16, wherein the super-resolution film is a thin film having a diameter of the beam exiting from the super-resolution film smaller than the diameter of the beam incident of the super-resolution film.
- 18. The method of claim 17, wherein the element is a solid immersion mirror or a solid immersion lens.
- 19. A method of forming an opening using a near-field light generating element, comprising:

forming a high heat-absorbing film on an exit surface of the element and a reflective film on the high heat-absorbing film; and

forming an opening in the reflective film by use of a beam emitted from at least one of a first light source and a second light source,

the second light source disposed in a position conjugate with the first light source.